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Institute of  
Terrestrial  
Ecology



**ITE** has administrative headquarters north and south, and the geographical distribution of its 250 staff in six Research Stations throughout Britain allows efficient use of resources for regional studies and provides an understanding of local ecological and land use characteristics.

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INSTITUTE OF TERRESTRIAL ECOLOGY  
(NATURAL ENVIRONMENT RESEARCH COUNCIL)

Project No T02071j1

**ITE Land Classification for the  
county of Greater Manchester**

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Merlewood Research Station  
Grange-over-Sands  
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August 1993



## Land Use Research Group

### ITE Land Classification for Greater Manchester

The following table holds the land class of each square in Greater Manchester. The format of the table is easting (a three digit number), northing (a three digit number) and land class (one or two digits). The data is ordered by easting as primary key and northing as secondary.

The grid reference follows the Ordnance Survey National Grid, using the numeric convention (Harley 1975). Should a grid reference be held in the alpha-numeric format it can be converted into numeric by removing the two letters and modifying the digits. Greater Manchester occupies part of four 100 kilometre (km) squares, SD, SE, SJ and SK. In terms of a 1 km grid, square SD starts with easting 300 and northing 400, SE with 400 and 400, SJ with 300 and 300, and SK with 400 and 300 respectively. Having removed the letters, the remaining digits can be split equally into two parts; the first part is the easting the second northing. The easting and northing equivalents are added to the digits to produce the final grid reference, eg SD1234 becomes 312 434 (SD is 300, 400 so 300+12 and 400+34). The six figure grid reference describes a complete 1 km square and on a large scale map (eg 1:50 000) it can be identified by reading the easting value off the horizontal axis and the northing off the vertical. The intersection of lines defines the south west (bottom left) corner of the square.

The ITE land Classification was produced in the late 1970's by multivariate analysis of a number of environmental factors (Bunce *et al.* 1981). It stratifies Great Britain into 32 different groups called land classes; every 1 km square in Great Britain has been allocated to it's land class. Three national surveys (the Countryside Surveys) have been performed to characterise the different land classes (Barr 1990), and the classification is being used to model the consequences of a variety of different changes (eg Bunce *et al.* 1992).

### References

- Barr, C.J. (1990) Mapping the changing face of Britain. Geographic magazine October 1990.
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- Bunce, R.G.H., Howard, D.C., Hallam, C.J., Barr, C.J. and Benefield, C.B. (1992). The ecological consequences of land use change. Report to the Department of the Environment.
- Harley, J.B. (1975) Ordnance Survey Maps: a descriptive manual. Ordnance Survey: Southampton.

East	North	LC	East	North	LC	East	North	LC
350	401	16	357	406	13	361	404	16
351	400	16	357	407	13	361	405	13
351	401	16	357	408	13	361	406	16
351	402	16	357	409	13	361	407	16
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352	402	15	357	411	13	361	409	16
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353	405	15	358	403	15	362	398	13
353	406	16	358	404	15	362	399	16
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East	North	LC	East	North	LC	East	North	LC
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East	North	LC	East	North	LC	East	North	LC
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East	North	LC	East	North	LC	East	North	LC
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391	401	16	393	391	15	394	416	18

East	North	LC	East	North	LC	East	North	LC
394	417	18	396	408	18	398	403	17
394	418	10	396	409	18	398	404	18
394	419	18	396	410	18	398	405	18
395	385	15	396	411	18	398	406	17
395	386	15	396	412	18	398	407	18
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395	395	15	397	387	10	399	393	18
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395	397	26	397	389	15	399	395	18
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395	402	10	397	394	10	399	400	19
395	403	18	397	395	16	399	401	19
395	404	18	397	396	18	399	402	17
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396	404	18	398	399	18	401	404	17
396	405	18	398	400	18	401	405	17
396	406	18	398	401	17	401	406	17
396	407	18	398	402	18	401	407	17

East	North	LC
401	408	18
401	409	18
402	401	17
402	402	17
402	403	17
402	404	18
402	405	17
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